

MONTANA NATURAL HERITAGE PROGRAM



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MONTANA STATE LIBRARY BUILDING

STATE OF MONTANA

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PLANT SPECIES OF SPECIAL CONCERN

The Montana Natural Heritage Program (MTNHP) is inventorying the elements of natural diversity of Montana. The inventory includes plant species, animal species, and plant associations which are rare, endemic, disjunct, threatened, or endangered throughout their range or in Montana, vulnerable to extirpation from Montana, or in need of further research.

The attached list of 376 plant taxa of special concern in Montana represents the list which is guiding data acquisition by the MTNHP. It has been developed largely from information supplied by the Montana Rare Plant Project (University of Montana, Missoula, MT), as well as from the scientific literature and herbarium specimens. Field research will be initiated during 1986. This list is dynamic, and will be annually revised as new data become available to MTNHP.

Written comments and suggestions are welcomed on this list, particularly regarding additions or deletions, specific locational information, and general comments for the improvement of the list. After initial data are entered, MTNHP will be able to supply location information and status data for most of these taxa (estimated date: FEB87).

Plant taxa are ranked by a standardized procedure used in thirty-five other heritage programs. They are ranked on the basis of their range-wide or global rarity, and on their rarity within the specific state, using these ranking categories:

GLOBAL

RANK

Definition

- | | |
|----|--|
| G1 | Critically imperiled globally because of extreme rarity (5 or fewer occurrences, or very few remaining individuals), or because of some factor of its biology making it especially vulnerable to extinction. (Critically endangered throughout range). |
| G2 | Imperiled globally because of rarity (6 to 20 occurrences) or because of other factors demonstrably making it very vulnerable to extinction throughout its range. (Endangered throughout range). |

- G3 Either very rare and local throughout its range or found locally (even abundant at some of its locations) in a restricted range, or because of other factors making it vulnerable to extinction throughout its range; in the range of 21 to 100 occurrences. (Threatened throughout range).
- G4 Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- G5 Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- GU Possibly in peril range-wide, but status uncertain; more information needed.
- GH Historically known; may be rediscovered.
- GX Believed to be extinct throughout range; historical records only, continue search.

STATE
RANK

Definition

- S1 Critically imperiled in Montana because of extreme rarity (5 or fewer occurrences, or very few remaining individuals), or because of some factor of its biology making it especially vulnerable to extirpation from the state. (Critically endangered in state).
- S2 Imperiled in Montana because of rarity (6 to 20 occurrences), or because of other factors demonstrably making it very vulnerable to extirpation from the state. (Endangered in state).
- S3 Rare in Montana (on the order of 20+ occurrences). (Threatened in state).
- S4 Apparently secure in Montana.
- S5 Demonstrably secure in Montana.
- SU Possibly in peril in Montana, but status uncertain; more information needed.
- SH Historically known in Montana; may be rediscovered.
- SX Apparently extirpated from Montana.

Other codes:

- Q Taxonomic questions or problems involved; more

information needed.

- T Rank for a subspecific taxon (subspecies or variety); appended to the global rank for the full species.

It should be emphasized that many of the global and state ranks are currently being revised or completed; these updated rankings will appear on revised lists beginning in Spring, 1986.

The symbols utilized in the Federal Status column denote the categories defined in the U.S. Fish and Wildlife Service Notices of Review (1980, 1983, 1985).

- E Endangered (none in Montana).
T Threatened (none in Montana).
P Proposed E or T (none in Montana).
C1 Notice of Review, Category 1 (substantial biological information on file to support the appropriateness of proposing to list as endangered or threatened).
C2 Notice of Review, Category 2 (current information indicates that proposing to list as endangered or threatened is possibly appropriate, but substantial biological information is not on file to support an immediate ruling).
C2* Category 2, and the taxon is possibly extinct.
3A Taxa for which the USFWS has persuasive evidence of extinction.
3B Names that, on the basis of current taxonomic understanding, do not represent taxa meeting the Endangered Species Act's definition of "species."
3C Taxa that have proven to be more abundant or widespread than was previously believed, and/or those that are not subject to any identifiable threat.

This list, as with those of other state heritage inventories, follows the standard nomenclature of Kartesz (1985, in preparation).

Selected references:

Dorn, R.D. 1984. Vascular plants of Montana. Mountain West Publishing, Cheyenne, WY. 276 pp.

Federal Register, 1980. Endangered and threatened wildlife and plants: Review of plant taxa for listing as endangered or threatened species. 45(242): 82480-82569. 15 December 1980.

Federal Register, 1983. Endangered and threatened wildlife and plants: Supplement to review of plant taxa for listing; proposed rule. 48(229): 53640-53670. 28 November 1983.

Federal Register, 1985. Endangered and threatened wildlife and plants: Review of plant taxa for listing as endangered or

threatened species; Notice of review. 50(188): 39525-39584.
27 September 1985.

Kartesz, J.T. 1985. Vascular plant checklist (draft revised). In preparation.

Lesica, P., G. Moore, K.M. Peterson, and J.H. Rumely (Montana Rare Plant Project). 1984. Vascular plants of limited distribution in Montana. Vol. 43, Monograph No. 2, Montana Academy of Sciences, Supplement to the Proceedings. 61 pp.

Montana Natural Heritage Program
Plant Species of Special Concern

| STATE NAME | ELCODE | FAMILY | GRANK | SRANK | FEDSTATUS |
|--|------------|-----------------|-------|-------|-----------|
| ACHILLEA SIBIRICA | PDAST03060 | ASTERACEAE | 6? | S1 | |
| ADOXA MOSCHATELLINA | PDADO01010 | ADOXACEAE | 65 | S1 | |
| AGASTACHE CUSICKII | PDLAM03030 | LAMIACEAE | 6364 | S1 | 3C |
| AGASTACHE FOENICULUM | PDLAM03040 | LAMIACEAE | 6? | SU | |
| AGOSERIS SP 1 | PDAST09X10 | ASTERACEAE | 6? | S1 | |
| AGROSTIS MERTENSII | PMPDA040T0 | POACEAE | 65 | S1 | |
| ALLIUM ACUMINATUM | PMIL02020 | LILIACEAE | 6465 | S1 | |
| ALLIUM FIBRILLUM | PMIL020X0 | LILIACEAE | 6? | S1 | |
| ALLIUM PARVUM | PMIL021P0 | LILIACEAE | 6? | S1 | |
| ALLIUM SIMILLIMUM | PMIL02270 | LILIACEAE | 6? | S1S2 | |
| ALLOTROPA VIRGATA | PDERI01010 | ERICACEAE | 64 | S1 | |
| AMARANTHUS CALIFORNICUS | PDAMA040A0 | AMARANTHACEAE | 6? | S1 | |
| AMBROSIA TOMENTOSA | PDAST0C0P0 | ASTERACEAE | 6? | SU | |
| AMERORCHIS ROTUNDIFOLIA | PMORC01010 | ORCHIDACEAE | 65 | S1 | |
| AMMANNIA COCCINEA | PDLYT01020 | LYTHRACEAE | 6? | S1 | |
| AMORPHA CANESCENS | PDFAB08020 | FABACEAE | 65 | S1SX | |
| ANTENNARIA AROMATICA | PDAST0H0V0 | ASTERACEAE | 6263 | S2 | C2 |
| ANTENNARIA PLANTAGINIFOLIA | PDAST0H0J0 | ASTERACEAE | 65 | SU | |
| ANTENNARIA PULCHERRIMA | PDAST0H0L0 | ASTERACEAE | 6? | S1 | |
| AQUILEGIA BREVIYSTLA | PDRAN05020 | RANUNCULACEAE | 65 | S1 | |
| AQUILEGIA FORMOSA | PDRAN050B0 | RANUNCULACEAE | 6? | S1 | |
| AQUILEGIA JONESII | PDRAN050D0 | RANUNCULACEAE | 6365 | S3 | 3C |
| ARABIS FECUNDA | PDBRA06290 | BRASSICACEAE | 61 | S1 | |
| ARABIS LIGNIFERA | PDBRA06120 | BRASSICACEAE | 6? | S1 | |
| ARCTOSTAPHYLOS PATULA | PDERI04130 | ERICACEAE | 6? | S1 | |
| ARENARIA KINGII | PDCAR040D0 | CARYOPHYLLACEAE | 6? | SU | |
| ARTEMISIA NORVEGICA VAR SAXATILIS | PDAST05071 | ASTERACEAE | 6? | S1 | |
| ARTEMISIA PEDATIFIDA | PDAST051A0 | ASTERACEAE | 6? | S2 | |
| ARTEMISIA SPINESCENS | PDAST051M0 | ASTERACEAE | 6? | S2 | |
| ASCLEPIAS STENOPHYLLA | PDASC021U0 | ASCLEPIADACEAE | 6365 | S1 | |
| ASPLENIUM TRICHOMANES | PPASP021K0 | ASPLENIACEAE | 65 | S1 | |
| ASTER FRONDOSUS | PDAST0T160 | ASTERACEAE | 6? | SU | |
| ASTRAGALUS ARETIOIDES | PDFAB0F0R0 | FABACEAE | 64 | S2 | |
| ASTRAGALUS ARGOPHYLLUS VAR ARGOPHYLLUS | PDFAB0F0S1 | FABACEAE | 6? | S1 | |
| ASTRAGALUS BARRII | PDFAB0F150 | FABACEAE | 6263 | S1 | C2 |
| ASTRAGALUS CERAMICUS VAR APUS | PDFAB0F1V1 | FABACEAE | 64T3 | S1 | 3C |
| ASTRAGALUS CHAMAELEUCE | PDFAB0F1X0 | FABACEAE | 65 | S1 | |
| ASTRAGALUS CONVALLARIUS | PDFAB0F2D0 | FABACEAE | 65 | S1 | |
| ASTRAGALUS GEYERI | PDFAB0F3M0 | FABACEAE | 65 | S1 | |
| ASTRAGALUS GRAYI | PDFAB0F3V0 | FABACEAE | 6? | S1 | |
| ASTRAGALUS HYALINUS | PDFAB0F460 | FABACEAE | 63 | S2 | |
| ASTRAGALUS LENTIGINOSUS VAR SALINUS | PDFAB0F4QR | FABACEAE | 6? | S1 | |
| ASTRAGALUS LEPTALEUS | PDFAB0F4P0 | FABACEAE | 64 | SUS1 | |
| ASTRAGALUS MOLYBDENUS | PDFAB0F5H0 | FABACEAE | 6? | S1 | |
| ASTRAGALUS OREGANUS | PDFAB0F6D0 | FABACEAE | 6? | S1 | |
| ASTRAGALUS PLATTENSIS | PDFAB0F6W0 | FABACEAE | 64 | S2S3 | |
| ASTRAGALUS PLATYTROPIS | PDFAB0F6X0 | FABACEAE | 6? | SU | |
| ASTRAGALUS RACEMOSUS VAR LONGISETUS | PDFAB0F7C1 | FABACEAE | 6? | SU | |
| ASTRAGALUS SCAPHOIDES | PDFAB0F7V0 | FABACEAE | 62 | S1 | C2 |
| ASTRAGALUS TERMINALIS | PDFAB0F8U0 | FABACEAE | 6364 | S2 | |

Montana Natural Heritage Program
Plant Species of Special Concern

| STATE NAME | ELCODE | FAMILY | GRANK | SRANK | FEDSTATUS |
|--------------------------------------|------------|------------------|-------|-------|-----------|
| ATHYSANUS PUSILLUS | PDBRA08010 | BRASSICACEAE | 6? | S1 | |
| BACOPA ROTUNDIFOLIA | PDSCR06080 | SCROPHULARIACEAE | 65 | S1 | |
| BALSAMORHIZA MACROPHYLLA | PDAST11070 | ASTERACEAE | 6365 | S1 | |
| BIDENS TRIPARTITA | PDAST181L0 | ASTERACEAE | 6?NE | SU | |
| BIDENS VULGATA VAR SCHIZANTHA | PDAST181N1 | ASTERACEAE | 6?T? | S1 | |
| BOTRYCHIUM CRENULATUM | PPOPH010L0 | OPHIOGLOSSACEAE | 61630 | S1 | C2 |
| BOTRYCHIUM HESPERIUM | PPOPH01000 | OPHIOGLOSSACEAE | 6264 | SU | |
| BOTRYCHIUM MINGANENSE | PPOPH010R0 | OPHIOGLOSSACEAE | 6364 | S1 | |
| BOTRYCHIUM MONTANUM | PPOPH010K0 | OPHIOGLOSSACEAE | 6263 | S2 | |
| BOTRYCHIUM PARADOXUM | PPOPH010J0 | OPHIOGLOSSACEAE | 61 | S1 | C2 |
| BRASENIA SCHREBERI | PDNYM01010 | NYMPHAEACEAE | 65 | S1SU | |
| BULBOSTYLIS CAPILLARIS | PMCYP02020 | CYPERACEAE | 65 | S1 | |
| CALAMAGROSTIS TWEEDYI | PMPOA17150 | POACEAE | 6264 | S1 | C2 |
| CAMISSONIA ANDINA | PDONA03010 | ONAGRACEAE | 64 | S1 | |
| CAMISSONIA MINOR | PDONA03110 | ONAGRACEAE | 6? | S1 | |
| CAMISSONIA SCAPOIDEA SSP BRACHYCARPA | PDONA03161 | ONAGRACEAE | 6? | S1 | |
| CARDAMINE RUPICOLA | PDBRA0K130 | BRASSICACEAE | 6264 | S2 | 3C |
| CAREX AMPLIFOLIA | PMCYP030N0 | CYPERACEAE | 6? | S1 | |
| CAREX CHORDORRHIZA | PMCYP032U0 | CYPERACEAE | 65 | S1 | |
| CAREX COMOSA | PMCYP032Y0 | CYPERACEAE | 65 | S1 | |
| CAREX CRAWEI | PMCYP03360 | CYPERACEAE | 65 | S1 | |
| CAREX EURYCARPA | PMCYP034E0 | CYPERACEAE | 6? | S1? | |
| CAREX GRAVIDA VAR GRAVIDA | PMCYP03561 | CYPERACEAE | 6? | S1S2 | |
| CAREX IDAHOA | PMCYP036E0 | CYPERACEAE | 630 | S1 | 3C |
| CAREX INCURVIFORMIS VAR DANAENSIS | PMCYP03661 | CYPERACEAE | 6? | S1 | |
| CAREX LENTICULARIS VAR DOLIA | PMCYP037A3 | CYPERACEAE | 65T2 | S1 | C2 |
| CAREX LIVIDA | PMCYP037L0 | CYPERACEAE | 65 | S1 | |
| CAREX MICROGLOCHIN | PMCYP038K0 | CYPERACEAE | 65? | SU | |
| CAREX MISANDRA | PMCYP038N0 | CYPERACEAE | 6? | S2 | |
| CAREX MULTICOSTATA | PMCYP038Y0 | CYPERACEAE | 6? | S1 | |
| CAREX OCCIDENTALIS | PMCYP039M0 | CYPERACEAE | 6? | SU | |
| CAREX PAUPERCUA | PMCYP03A70 | CYPERACEAE | 65 | S1S3 | |
| CAREX PETRICOSA | PMCYP03AF0 | CYPERACEAE | 6? | S1 | |
| CAREX SCOPARIA | PMCYP03C90 | CYPERACEAE | 65 | S2? | |
| CAREX STENOPTILA | PMCYP03CX0 | CYPERACEAE | 6? | SU | |
| CAREX SYCHNOCEPHALA | PMCYP03DE0 | CYPERACEAE | 6365 | S1 | |
| CAREX TINCTA | PMCYP03DQ0 | CYPERACEAE | 6465 | SU | |
| CAREX TORREYI | PMCYP03DT0 | CYPERACEAE | 6365 | S1 | |
| CAREX VALLICOLA | PMCYP03EA0 | CYPERACEAE | 6? | SU | |
| CASTILLEJA ANGUSTIFOLIA | PDSCR0D020 | SCROPHULARIACEAE | 6365 | S1S2? | |
| CASTILLEJA COVILLEANA | PDSCR0D0K0 | SCROPHULARIACEAE | 6? | S1 | |
| CASTILLEJA EXILIS | PDSCR0D0W0 | SCROPHULARIACEAE | 6? | SU | |
| CASTILLEJA GRACILLIMA | PDSCR0D150 | SCROPHULARIACEAE | 6? | SU | |
| CASTILLEJA LONGISPICA | PDSCR0D1W0 | SCROPHULARIACEAE | 6? | SU | |
| CASTILLEJA OCCIDENTALIS | PDSCR0D290 | SCROPHULARIACEAE | 6? | S2 | |
| CASTILLEJA RUSTICA | PDSCR0D2V0 | SCROPHULARIACEAE | 6? | SU | |
| CEANOTHUS HERBACEUS | PDRHA040K0 | RHAMNACEAE | 65 | S1SH | |
| CELASTRUS SCANDENS | PDCEL03020 | CELASTRACEAE | 65 | S1 | |
| CENTAURIUM EXALTATUM | PDGEN02060 | GENTIANACEAE | 65 | S1SX | |
| CENTUNCULUS MINIMUS | PDPRI01020 | PRIMULACEAE | 65 | S1 | |

Montana Natural Heritage Program
Plant Species of Special Concern

| STATE NAME | ELCODE | FAMILY | GRANK | SRANK | FEDSTATUS |
|---------------------------------|------------|------------------|-------|-------|-----------|
| CERCOCARPUS MONTANUS VAR GLABER | PDR0508023 | ROSACEAE | 6? | S1 | |
| CHAMAESYCE BEYERI | PDEUP000Y0 | EUPHORBIACEAE | 64 | S1 | |
| CHRYSOSPLENIUM TETRANDRUM | PDSAX07050 | SAXIFRAGACEAE | 6? | S1 | |
| CHRYSOTHAMNUS LINIFOLIUS | PDAST2C050 | ASTERACEAE | 6? | S1SH | |
| CIRSIIUM BREVI-STYLUM | PDAST2E080 | ASTERACEAE | 6? | S1 | |
| CIRSIIUM LONGISTYLUM | PDAST2E1P0 | ASTERACEAE | 620 | S20 | |
| CIRSIIUM SUBNIVEUM | PDAST2E2S0 | ASTERACEAE | 6? | S1 | |
| CLARKIA RHOMBOIDEA | PDONA050X0 | DNAGRACEAE | 6? | S1 | |
| CLAYTONIA LANCEOLATA VAR FLAVA | PDPOR03092 | PORTULACACEAE | 65T1 | S10 | C2 |
| CLEOME LUTEA | PDCPP03070 | CAPPARACEAE | 6? | S1 | |
| CONIOSELINUM SCOPULORUM | PDAPI0P040 | APIACEAE | 6? | S1 | |
| CORDYLANTHUS CAPITATUS | PDSOR0J030 | SCROPHULARIACEAE | 6? | S1 | |
| CORDYLANTHUS RAMOSUS | PDSOR0J0N0 | SCROPHULARIACEAE | 6365 | S2 | |
| CORYDALIS SEMPERVIRENS | PDPAP070B0 | PAPAVERACEAE | 6465 | S1S2 | |
| CRYPTANTHA CANA | PDBOR0A0D0 | BORAGINACEAE | 63 | S3 | |
| CRYPTANTHA FENDLERI | PDBOR0A0X0 | BORAGINACEAE | 6? | S1 | |
| CRYPTANTHA FLAVOCULATA | PDBOR0A100 | BORAGINACEAE | 65 | S1 | |
| CRYPTANTHA HUMILIS | PDBOR0A1A0 | BORAGINACEAE | 6? | S1? | |
| CRYPTANTHA SOBOLIFERA | PDBOR0A2X0 | BORAGINACEAE | 6264 | S1 | 3C |
| CRYPTANTHA SPICULIFERA | PDBOR0A2Z0 | BORAGINACEAE | 6? | SU | |
| CUSCUTA PENTAGONA | PDCON07140 | CONVOLVULACEAE | 65 | S1SU | |
| CYMOPTERUS SP. NOV. | PDAPI0UX10 | APIACEAE | 6? | S1 | |
| CYPERUS ACUMINATUS | PNCYP06010 | CYPERACEAE | 6365 | S1 | |
| CYPERUS ERYTHORRHIZOS | PNCYP060Z0 | CYPERACEAE | 65 | SU | |
| CYPERUS RIVULARIS | PNCYP06320 | CYPERACEAE | 65 | S1 | |
| CYPERUS SCHWEINITZII | PNCYP06360 | CYPERACEAE | 65 | S1 | |
| CYPRIPEDIUM FASCICULATUM | PMORC00060 | ORCHIDACEAE | 64 | S1 | 3C |
| CYPRIPEDIUM PARVIFLORUM | PMORC00090 | ORCHIDACEAE | 65? | S2 | |
| CYPRIPEDIUM PASSERINUM | PMORC000A0 | ORCHIDACEAE | 6465 | S1 | |
| CYSTOPTERIS MONTANA | PPASP00050 | ASPLENIACEAE | 65 | S1SU | |
| DALEA VILLOSA VAR VILLOSA | PDFAB1A1Q2 | FABACEAE | 6? | S1 | |
| DELPHINIUM ANDERSONII | PDRAN0B030 | RANUNCULACEAE | 6? | SU | |
| DELPHINIUM BURKEI | PDRAN0B090 | RANUNCULACEAE | 6? | S1 | |
| DELPHINIUM WOOTONII | PDRAN0B0L0 | RANUNCULACEAE | 6? | SU | |
| DICHANTHELIUM OLIGOSANTHES | PMPOA240Q0 | POACEAE | 65? | S1SX | |
| DRABA APICULATA | PDBRA11050 | BRASSICACEAE | 6465 | S1 | |
| DRABA BRACHYCARPA | PDBRA110J0 | BRASSICACEAE | 6465 | S1 | |
| DRABA DAVIESIAE | PDBRA112U0 | BRASSICACEAE | 62 | S2 | |
| DRABA FLADNIZENSIS | PDBRA110Z0 | BRASSICACEAE | 6? | S1 | |
| DRABA MACCOUNII | PDBRA111H0 | BRASSICACEAE | 6? | S1 | |
| DRABA PORSILDII | PDBRA11200 | BRASSICACEAE | 6? | S1 | |
| DRABA VENTOSA | PDBRA112N0 | BRASSICACEAE | 65 | S1 | |
| DROSER A LINEARIS | PDDR002060 | DROSERACEAE | 64 | S1 | |
| DRYAS INTEGRIFOLIA | PDR0S0L020 | ROSACEAE | 65? | S1 | |
| DRYOPTERIS CRISTATA | PPASP0C080 | ASPLENIACEAE | 65 | S1 | |
| ELATINE CALIFORNICA | PDEL102040 | ELATINACEAE | 6? | S1 | |
| ELODEA LONGIVAGINATA | PMHYD03060 | HYDROCHARITACEAE | 6? | S1 | |
| ELODEA NUTTALLII | PMHYD03080 | HYDROCHARITACEAE | 65 | S2 | |
| EPIACTIS GIGANTEA | PMORC11010 | ORCHIDACEAE | 64 | S1 | |
| ERIGERON ALLOCOTUS | PDAST3M050 | ASTERACEAE | 6264 | S2 | 3C |

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| STATE NAME | ELCODE | FAMILY | GRANK | SRANK | FEDSTATUS |
|--|-------------|------------------|-------|-------|-----------|
| ERIGERON ASPERUGINEUS | PDAST3M0D0 | ASTERACEAE | 64 | S1 | |
| ERIGERON BELLIDIASTRUM | PDAST3M0J0 | ASTERACEAE | 67 | SU | |
| ERIGERON COULTERI | PDAST3M100 | ASTERACEAE | 67 | S1S2 | |
| ERIGERON EATONII SSP EATONII | PDAST3M171 | ASTERACEAE | 67 | S1? | |
| ERIGERON EVERMANNII | PDAST3M1B0 | ASTERACEAE | 6465 | S2 | |
| ERIGERON FLABELLIFOLIUS | PDAST3M1E0 | ASTERACEAE | 67 | S2 | |
| ERIGERON FLAGELLARIS | PDAST3M1F0 | ASTERACEAE | 67 | S1 | |
| ERIGERON FORMOSISSIMUS VAR VISCIDUS | PDAST3M1K2 | ASTERACEAE | 67 | S1 | |
| ERIGERON GRACILIS | PDAST3M1R0 | ASTERACEAE | 64 | S1 | |
| ERIGERON LACKSCHEWITZII | PDAST3M4F0 | ASTERACEAE | 610 | S10 | |
| ERIGERON LANATUS | PDAST3M250 | ASTERACEAE | 64 | S2 | |
| ERIGERON LINEARIS | PDAST3M2B0 | ASTERACEAE | 67 | SU | |
| ERIOGONUM CHRYSOPS | PDPGN08120 | POLYGONACEAE | 6H0 | S2 | C2 |
| ERIOGONUM LAGOPUS | PDPGN083E0 | POLYGONACEAE | 6163 | S10 | C2 |
| ERIOGONUM PYROLIFOLIUM VAR CORYPHEUM | PDPGN084Z1 | POLYGONACEAE | 67 | S2 | |
| ERIOGONUM UMBELLATUM VAR STELLATUM | PDPGN0862K | POLYGONACEAE | 67 | SU | |
| ERIOPHORUM ALPINUM | PM CYP0A010 | CYPERACEAE | 65 | S1 | |
| ERIOPHORUM VIRIDICARINATUM | PM CYP0A0E0 | CYPERACEAE | 65 | S1 | |
| ERYTHRONIUM GRANDIFLORUM SSP CANDIDUM | PMLIL0U051 | LILIACEAE | 67 | S2 | |
| EUPATORIUM MACULATUM VAR BRUNERI | PDAST3P141 | ASTERACEAE | 65TU | S1 | |
| EUPATORIUM OCCIDENTALE | PDAST3P180 | ASTERACEAE | 67 | S1 | |
| EUPHRASIA DISJUNCTA | PDSCR0P030 | SCROPHULARIACEAE | 65 | S1 | |
| FESTUCA VIVIPARA | PM | POACEAE | 6U | S10 | N |
| GENTIANA AQUATICA | PDGEN06050 | GENTIANACEAE | 67 | S1 | |
| GENTIANA GLAUCA | PDGEN060E0 | GENTIANACEAE | 67 | S1 | |
| GENTIANELLA PROPINQUA | PDGEN07050 | GENTIANACEAE | 64 | S1S2 | |
| GENTIANELLA TENELLA | PDGEN07070 | GENTIANACEAE | 64 | S2 | |
| GENTIANOPSIS CRINITA | PDGEN08020 | GENTIANACEAE | 6364 | SU | |
| GEOCAULON LIVIDUM | PDSAN04010 | SANTALACEAE | 64 | S1 | |
| GEUM ROSSII VAR ROSSII | PDROS0S0E2 | ROSACEAE | 6465T | SU | |
| GILIA LEPTOMERIA VAR LEPTOMERIA | PDPLM040X1 | POLEMONIACEAE | 67? | S2? | |
| GILIA TWEEDYI | PDPLM041U0 | POLEMONIACEAE | 64650 | S1 | |
| GLANDULARIA BIPINNATIFIDA | PDVER0A010 | VERBENACEAE | 67 | SU | |
| GOODYERA REPENS | PMORC17030 | ORCHIDACEAE | 65 | S1 | |
| GRAYIA SPINOSA | PDCHE0C020 | CHENOPODIACEAE | 67 | SU | |
| GRINDELIA HOWELLII | PDAST470E0 | ASTERACEAE | 62 | S2 | C2 |
| HALENIA DEFLEXA SSP DEFLEXA | PDGEN09012 | GENTIANACEAE | 65TU | S1 | |
| HAPLOPAPPUS MACRONEMA | PDAST4F0U0 | ASTERACEAE | 6365 | S1 | |
| HAPLOPAPPUS MULTICAULIS | PDAST4F0W0 | ASTERACEAE | 64 | S1 | |
| HAPLOPAPPUS NANUS | PDAST3L0B0 | ASTERACEAE | 67 | S1 | |
| HAPLOPAPPUS PYGMAEUS | PDAST4F100 | ASTERACEAE | 67 | S1 | |
| HEDYSARUM ALPINUM | PDFAB1Z010 | FABACEAE | 65 | SU | |
| HEMICARPHA DRUMMONDII | PM CYP0E010 | CYPERACEAE | 67 | SU | |
| HETEROCODON RARIFLORUM | PDCAM08010 | CAMPANULACEAE | 67 | S1 | |
| HOWELLIA AQUATILIS | PDCAM0A010 | CAMPANULACEAE | 61 | S1 | C2 |
| HYMENOPAPPUS FILIFOLIUS VAR IDAHOENSIS | PDAST51034 | ASTERACEAE | 6264T | SU | 3C |
| HYMENOPAPPUS FILIFOLIUS VAR LUTEUS | PDAST51036 | ASTERACEAE | 67 | SU | |
| HYMENOPAPPUS TENUIFOLIUS | PDAST51090 | ASTERACEAE | 67 | SU | |
| IDAHOA SCAPIGERA | PDBRA16010 | BRASSICACEAE | 67 | S1 | |
| IPOMOPSIS CONGESTA SSP CREBRIFOLIA | PDPLM06032 | POLEMONIACEAE | 67 | S1 | |

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| STATE NAME | ELCODE | FAMILY | GRANK | SRANK | FED STATUS |
|------------------------------------|------------|--------------------|-------|-------|------------|
| IPOMOPSIS PUMILA | PDPLM060E0 | POLEMONIACEAE | 6? | S1 | |
| JUNCUS ACUMINATUS | PMJUN01030 | JUNCACEAE | 65 | S1 | |
| JUNCUS ALBESCENS | PMJUN01060 | JUNCACEAE | 6? | S1 | |
| JUNCUS BIGLUMIS | PMJUN01080 | JUNCACEAE | 6? | S2 | |
| JUNCUS CASTANEUS | PMJUN010P0 | JUNCACEAE | 6? | S2 | |
| JUNCUS COVILLEI VAR OBTUSATUS | PMJUN010V2 | JUNCACEAE | 6? | S1 | |
| JUNCUS HALLII | PMJUN011E0 | JUNCACEAE | 6? | S1 | |
| JUNCUS TRIGLUMIS | PMJUN012Z0 | JUNCACEAE | 6? | S2? | |
| JUNIPERUS OSTEOSPERMA | P6CUP050A0 | CUPRESSACEAE | 6? | SU | |
| KELLOGGIA GALIOIDES | PDRUB12010 | RUBIACEAE | 6? | S1 | |
| KELSEYA UNIFLORA | PDROS0Y010 | ROSACEAE | 6? | SUS4 | |
| KOBRESIA SIBIRICA | PMCPY0F020 | CYPERACEAE | 6? | S1 | |
| KOBRESIA SIMPLICIUSCULA | PMCPY0F030 | CYPERACEAE | 65 | S1 | |
| KOCHIA AMERICANA | PDCHE0E010 | CHENOPODIACEAE | 6? | S1 | |
| KOENIGIA ISLANDICA | PDPGN0D010 | POLYGONACEAE | 64 | S2 | |
| LATHYRUS BIJUGATUS | PDFAB25040 | FABACEAE | 6? | S1 | |
| LEPIDIUM MONTANUM VAR MONTANUM | PDBRA1M0LA | BRASSICACEAE | 6? | S1 | |
| LEPTODACTYLON CAESPITOSUM | PDPLM08010 | POLEMONIACEAE | 6? | S1 | |
| LESQUERELLA CARINATA | PDBRA1N0B0 | BRASSICACEAE | 6264 | S1 | 3C |
| LESQUERELLA HUMILIS | PDBRA1N1Y0 | BRASSICACEAE | 61 | S1 | |
| LESQUERELLA KLAUSII | PDBRA1N1Z0 | BRASSICACEAE | 61 | S1 | |
| LESQUERELLA OCCIDENTALIS | PDBRA1N170 | BRASSICACEAE | 6? | S1 | |
| LEWISIA COLUMBIANA VAR WALLOWENSIS | PDPOR04033 | PORTULACACEAE | 64T4 | S1 | 3C |
| LEYMUS FLAVESCENS | PMPOA2H070 | POACEAE | 64 | S1 | |
| LEYMUS INNOVATUS | PMPOA2H0A0 | POACEAE | 6? | S1 | |
| LIGUSTICUM FILICINUM | PDAP118060 | APIACEAE | 6? | S1 | |
| LIGUSTICUM PORTERI | PDAP118080 | APIACEAE | 6465 | S1 | |
| LIGUSTICUM VERTICILLATUM | PDAP1180B0 | APIACEAE | 6465 | S2S3 | |
| LILAEA SCILLOIDES | PMSCH01010 | SCHNEUCHZERIAACEAE | 6? | S1 | |
| LILIUM COLUMBIANUM | PHLIL1A050 | LILIACEAE | 6? | S1 | |
| LINANTHUS NUTTALLII SSP NUTTALLII | PDPLM090V1 | POLEMONIACEAE | 6?T? | S2 | |
| LINARIA TEXANA | PDSCR110D0 | SCROPHULARIACEAE | 6465 | S1 | |
| LOBELIA SPICATA | PDCAM0E190 | CAMPANULACEAE | 65 | S1 | |
| LOMATIUM BICOLOR VAR BICOLOR | PDAP11B021 | APIACEAE | 6? | S2 | |
| LOMATIUM GEYERI | PDAP11B0N0 | APIACEAE | 6? | S1 | |
| LYCOPODIUM ALPINUM | PPLYC01020 | LYCOPODIACEAE | 6? | S1S2 | |
| LYCOPODIUM OBSCURUM | PPLYC010P0 | LYCOPODIACEAE | 65 | SU | |
| MACHAERANTHERA COMMIXTA | PDAST640D0 | ASTERACEAE | 6? | SU | |
| MADIA MINIMA | PDAST650C0 | ASTERACEAE | 6? | SU | |
| MAIANTHEMUM CANADENSE VAR INTERIUS | PHLIL1D012 | LILIACEAE | 65?TU | S1SH | |
| MALACOTHRIX SONCHOIDES VAR TORREYI | PDAST660E2 | ASTERACEAE | 6? | S1 | |
| MENTZELIA MONTANA | PDLOA03110 | LOASACEAE | 64 | SU | |
| MENTZELIA NUDA | PDLOA03150 | LOASACEAE | 6? | SU | |
| MENTZELIA PUMILA | PDLOA03160 | LOASACEAE | 6? | S1 | |
| MERTENSIA BELLA | PDBOR0N040 | BORAGINACEAE | 64 | S1 | |
| MIMULUS GLABRATUS | PDSCR1B1A0 | SCROPHULARIACEAE | 65 | SU | |
| MIMULUS NANUS | PDSCR1B1Y0 | SCROPHULARIACEAE | 6? | S1S2 | |
| MIMULUS PRIMULOIDES | PDSCR1B270 | SCROPHULARIACEAE | 6? | S1 | |
| MIRABILIS HIRSUTA | PDNYC0A0P0 | NYCTAGINACEAE | 6? | S1 | |
| MUHLENBERGIA ANDINA | PMPOA48010 | POACEAE | 64 | S2 | |

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|--|-------------|------------------|--------|-------|-----------|
| MUHLENBERGIA MINUTISSIMA | PMPDA48130 | POACEAE | 64 | S1 | |
| MYOSOTIS VERNA | PDBOR0P0D0 | BORAGINACEAE | 6? | SU | |
| NAJAS GUADALUPENSIS | PMNAJ01050 | NAJADACEAE | 65 | S1 | |
| NYMPHAEA TETRAGONA | PDNYM050B0 | NYMPHAEACEAE | 65 | S1 | |
| OENOTHERA PALLIDA VAR IDAHOENSIS | PDONA0C0Y2 | ONAGRACEAE | 64T4Q | S1Q | |
| OPHIOGLOSSUM VULGATUM | PPOPH020B0 | OPHIOGLOSSACEAE | 65 | S1 | |
| OROBANCHE CORYMBOSA | PDORO04040 | OROBANCHACEAE | 6? | S1 | |
| OROGENIA LINEARIFOLIA | PDAP11J020 | APIACEAE | 6? | S1 | |
| OXYTROPIS COLUMBIANA | PDFAB2X0S0 | FABACEAE | 6? | S1Q | |
| OXYTROPIS LAGOPUS VAR CONJUGENS | PDFAB2X0A2 | FABACEAE | 6? | SU | |
| OXYTROPIS PODOCARPA | PDFAB2X0K0 | FABACEAE | 6? | S1 | |
| PAPAVER ALPINUM | PDPAP0H020 | PAPAVERACEAE | 65 | S2 | |
| PAPAVER LAPPONICUM | PDPAP0H080 | PAPAVERACEAE | 64 | S1 | |
| PEDICULARIS CONTORTA VAR CTENOPHORA | PDSCR1K092 | SCROPHULARIACEAE | 6? | SU | |
| PEDICULARIS CONTORTA VAR RUBICUNDA | PDSCR1K093 | SCROPHULARIACEAE | 6?T? | S1 | |
| PEDICULARIS OEDERI | PDSCR1K0R0 | SCROPHULARIACEAE | 6? | S2 | |
| PENSTEMON ATTENUATUS VAR MILITARIS | PDSCR1L0H2 | SCROPHULARIACEAE | 64T4 | S1 | |
| PENSTEMON CARYI | PDSCR1L180 | SCROPHULARIACEAE | 6263 | S2 | 3C |
| PENSTEMON FLAVESCENS | PDSCR1L2B0 | SCROPHULARIACEAE | 6? | S2 | |
| PENSTEMON LARICIFOLIUS | PDSCR1L3J0 | SCROPHULARIACEAE | 64 | S2 | |
| PENSTEMON LEMHIENSIS | PDSCR1L3N0 | SCROPHULARIACEAE | 63 | S2 | C2 |
| PENSTEMON PAYETTENSIS | PDSCR1L4T0 | SCROPHULARIACEAE | 64 | S1 | |
| PENSTEMON WHIPPLEANUS | PDSCR1L6P0 | SCROPHULARIACEAE | 65 | S1 | |
| PHACELIA INCANA | PDHYD0C270 | HYDROPHYLLACEAE | 6364 | S1 | |
| PHACELIA IVESIANA | PDHYD0C260 | HYDROPHYLLACEAE | 6? | S1 | |
| PHACELIA THERMALIS | PDHYD0C4L0 | HYDROPHYLLACEAE | 6? | S1 | |
| PHIPPSIA ALGIDA | PMPDA4T010 | POACEAE | 65 | S1 | 3C |
| PHLOX ANDICOLA | PDPPLM0D080 | POLEMONIACEAE | 6? | SU | |
| PHLOX MISSOULENSIS | PDPPLM0D190 | POLEMONIACEAE | 62Q | S2Q | 3C |
| PHYSALIS HEDERAEFOLIA | PDSOL0S0D0 | SOLANACEAE | 65? | SU | |
| PHYSALIS PUMILA | PDSOL0S0M0 | SOLANACEAE | 6? | SU | |
| PHYSARIA ACUTIFOLIA | PDBRA22010 | BRASSICACEAE | 6465 | S2 | |
| PHYSARIA SAXIMONTANA VAR DENTATA | PDBRA220L1 | BRASSICACEAE | 6?T? | S1 | |
| PHYSOCARPUS MONOGYNUS | PDR0S19040 | ROSACEAE | 64 | SU | |
| PINGUICULA VULGARIS | PDLNT01090 | LENTIBULARIACEAE | 65 | S2 | |
| PLAGIOBOTHRYX LEPTOCLADUS | PDBOR0V0N0 | BORAGINACEAE | 6? | S1 | |
| PLATYSCHUKHRIA INTEGRIFOLIA VAR INTEGRIFOLIA | PDAST7C012 | ASTERACEAE | 6? | S2 | |
| POLYGONUM DOUGLASII VAR AUSTINAE | PDP6N0L0X1 | POLYGONACEAE | 6465TU | SU | |
| POLYSTICHUM KRUCKEBERGII | PPASP0U0B0 | ASPLENIACEAE | 65 | S1 | 3C |
| POLYSTICHUM SCOPULINUM | PPASP0U0K0 | ASPLENIACEAE | 6? | SU | |
| POTAMOGETON OBTUSIFOLIUS | PMPOT030R0 | POTAMOGETONACEAE | 65 | S1S2 | |
| POTENTILLA BREVIFOLIA | PDR0S1B0B0 | ROSACEAE | 6? | S1 | |
| POTENTILLA UNIFLORA | PDR0S1B2B0 | ROSACEAE | 6? | S1 | |
| PRIMULA ALCALINA | PDPRI080Q0 | PRIMULACEAE | 61? | S1SH | |
| PSEUDOSTELLARIA JAMESIANA | PDCAR13010 | CARYOPHYLLACEAE | 6? | SU | |
| PSILOCARPHUS BREVISSIMUS VAR BREVISSIMUS | PDAST7R011 | ASTERACEAE | 6? | S1 | |
| PSORALEA HYPOBAEA | PDFAB3B0F0 | FABACEAE | 6? | S1 | |
| PTERYXIA HENDERSONII | PDAP11X020 | APIACEAE | 6? | S2SU | |
| PTERYXIA TEREBINTHINA VAR CALCAREA | PDAP11X041 | APIACEAE | 6? | SU | |
| QUERCUS MACROCARPA | PDFAG0S190 | FAGACEAE | 65 | S1? | |

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|---------------------------------------|------------|------------------|--------|-------|-----------|
| RANUNCULUS CARDIOPHYLLUS | PDRAN0L0K0 | RANUNCULACEAE | 6? | S1 | |
| RANUNCULUS GELIDUS | PDRAN0L0Y0 | RANUNCULACEAE | 64 | S1 | |
| RANUNCULUS JOVIS | PDRAN0L1D0 | RANUNCULACEAE | 6? | S1 | |
| RORIPPA CALYCINA | PDBRA27040 | BRASSICACEAE | 62 | S2 | C2 |
| RUBUS URSINUS | PDR0S1K7X0 | ROSACEAE | 6? | S2 | |
| SAGINA NIVALIS | PDCAR0P070 | CARYOPHYLLACEAE | 6? | S1 | |
| SALIX BARRATTIANA | PDSAL020D0 | SALICACEAE | 6? | S1 | |
| SALIX SERISSIMA | PDSAL022P0 | SALICACEAE | 64 | S1 | |
| SALIX WOLFII VAR WOLFII | PDSAL02341 | SALICACEAE | 6365T? | S1 | |
| SATUREJA DOUGLASII | PDLAM1T020 | LAMIACEAE | 6? | S1? | |
| SAUSSUREA NUDA VAR Densa | PDAST8B051 | ASTERACEAE | 6365TU | S1 | |
| SAUSSUREA WEBERI | PDAST8B060 | ASTERACEAE | 64 | S1 | 3C |
| SAXIFRAGA APETALA | PDSAX0U220 | SAXIFRAGACEAE | 6? | S2 | |
| SAXIFRAGA CHRYSANTHA | PDSAX0U0D0 | SAXIFRAGACEAE | 6? | S1 | |
| SAXIFRAGA TEMPESTIVA | PDSAX0U1R0 | SAXIFRAGACEAE | 62 | S2 | |
| SAXIFRAGA TOLMIEI VAR LEDIFOLIA | PDSAX0UIU1 | SAXIFRAGACEAE | 65T5 | S2 | |
| SCIRPUS CYPERINUS | PMCYP0Q0F0 | CYPERACEAE | 65 | S1 | |
| SCIRPUS HETEROCHAETUS | PMCYP0Q0T0 | CYPERACEAE | 65 | S3 | |
| SCIRPUS NEVADENSIS | PMCYP0Q130 | CYPERACEAE | 64 | S1S2 | |
| SCIRPUS SUBTERMINALIS | PMCYP0Q160 | CYPERACEAE | 6465 | S1 | |
| SEDUM DEBILE | PDCRA0A090 | CRASSULACEAE | 6465 | S1 | |
| SELAGINELLA SELAGINOIDES | PPSEL01110 | SELAGINELLACEAE | 65 | S1 | |
| SELAGINELLA WATSONII | PPSEL011D0 | SELAGINELLACEAE | 6465 | S1 | |
| SENECIO AMPLECTENS VAR HOLMII | PDAST8H022 | ASTERACEAE | 6? | S1 | |
| SENECIO DEBILIS | PDAST8H110 | ASTERACEAE | 6365 | S1 | |
| SENECIO FUSCATUS | PDAST8H1E0 | ASTERACEAE | 6? | S2 | |
| SENECIO PAUCIFLORUS | PDAST8H2D0 | ASTERACEAE | 6465 | S1 | |
| SHOSHONEA PULVINATA | PDAPI2G010 | APIACEAE | 61 | S1 | C2 |
| SILENE SPALDINGII | PDCAR0U150 | CARYOPHYLLACEAE | 62 | S1 | C2 |
| SOLIDAGO PTARMICOIDES | PDAST8P1F0 | ASTERACEAE | 65 | S1 | |
| SOLIDAGO SPARSIFLORA | PDAST8P1V0 | ASTERACEAE | 6? | SU | |
| SPHAERALCEA MUNROANA | PDMAL140F0 | MALVACEAE | 6? | S1 | |
| SPHAEROMERIA CAPITATA | PDAST8S030 | ASTERACEAE | 6364 | S2 | |
| SPHENOPHOLIS OBTUSATA VAR MAJOR | PMP0A5T031 | POACEAE | 6? | S2 | |
| SPOROBOLUS NEGLECTUS | PMP0A5V0L0 | POACEAE | 65 | SU | |
| SPOROBOLUS VAGINIFLORUS | PMP0A5V0X0 | POACEAE | 65 | SU | |
| STANLEYA TOMENTOSA | PDBRA2E050 | BRASSICACEAE | 64 | S1 | |
| STANLEYA VIRIDIFLORA | PDBRA2E060 | BRASSICACEAE | 64 | S1 | |
| STELLARIA SIMCOEI | PDCAR0X100 | CARYOPHYLLACEAE | 640 | S10 | |
| STEPHANOMERIA SPINOSA | PDAST8U0E0 | ASTERACEAE | 6? | S2 | |
| STIPA LETTERMANII | PMP0A5X0H0 | POACEAE | 6? | SU | |
| STIPA THURBERIANA | PMP0A5X120 | POACEAE | 6? | SU | |
| STREPTANTHELLA LONGIROSTRIS | PDBRA2F010 | BRASSICACEAE | 6? | S1 | |
| SULLIVANTIA HAPEMANII | PDSAX0X010 | SAXIFRAGACEAE | 6264 | S1 | 3C |
| SYNTHYRIS CANBYI | PDSCR1W020 | SCROPHULARIACEAE | 6465 | S2 | 3C |
| SYNTHYRIS MISSURICA | PDSCR1W040 | SCROPHULARIACEAE | 6U0 | S1 | |
| TARAXACUM ERIOPHORUM | PDAST930G0 | ASTERACEAE | 64 | S1 | |
| TETRANEURIS TORREYANA | PDAST530M0 | ASTERACEAE | 6? | S1 | |
| THELYPODIUM PANICULATUM | PDBRA2N080 | BRASSICACEAE | 6? | S1 | |
| THELYPODIUM SAGITTATUM SSP SAGITTATUM | PDBRA2N0E2 | BRASSICACEAE | 6? | SU | |

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|-------------------------------------|------------|-------------------|-------|-------|-----------|
| THELYPTERIS PHEGopteris | PPASP0X130 | ASPLENIACEAE | 65 | S1 | |
| THLASPI PARVIFLORUM | PDBRA2P050 | BRASSICACEAE | 6? | SU | |
| TIARELLA TRIFOLIATA VAR TRIFOLIATA | PDSAX10031 | SAXIFRAGACEAE | 65T5 | S1S2 | |
| TOFIELDIA PUSILLA | PMLIL1Y040 | LILIACEAE | 6465 | S1 | |
| TOWNSENDIA CONDENSATA | PDAST9C040 | ASTERACEAE | 6? | S1 | |
| TOWNSENDIA FLORIFER | PDAST9C080 | ASTERACEAE | 6? | S1 | |
| TOWNSENDIA INCANA | PDAST9C0D0 | ASTERACEAE | 6? | S1S2 | |
| TOWNSENDIA LEPTOTES | PDAST9C0F0 | ASTERACEAE | 6? | SU | |
| TOWNSENDIA SPATHULATA | PDAST9C0M0 | ASTERACEAE | 63 | S2 | 3C |
| TRADESCANTIA BRACTEATA | PMCOM0B010 | COMMELINACEAE | 6365 | SU | |
| TRIFOLIUM ERIOCEPHALUM SSP ARCUATUM | PDFAB400V1 | FABACEAE | 6? | S1 | |
| TRIFOLIUM GYMNOCARPON | PDFAB40110 | FABACEAE | 6? | SU | |
| TRIGLOCHIN CONCINNUM VAR DEBILE | PMSCH03012 | SCHEUCHZERIAACEAE | 6?T? | S2 | |
| TRisetum ORTHOCHAETUM | PMPOA690A0 | POACEAE | 6HQ | S1SH | C2* |
| UTRICULARIA INTERMEDIA | PDLNT020A0 | LENTIBULARIACEAE | 65 | S1 | |
| VACCINIUM MYRTILLOIDES | PDERI180M0 | ERICACEAE | 65 | S1 | |
| VERATRUM CALIFORNICUM | PMLIL25020 | LILIACEAE | 65 | S1SU | |
| VERBESINA ENCELIOIDES | PDAST9R060 | ASTERACEAE | 6? | SU | |
| VIBURNUM LENTAGO | PDCPR070B0 | CAPRIFOLIACEAE | 65 | S1 | |
| VIOLA RENIFOLIA | PDVIO041V0 | VIOLACEAE | 65 | S1 | |
| WOLFFIA BRAZILIENSIS | PMLEM03040 | LEMNACEAE | 65 | S1 | |
| WOLFFIA COLUMBIANA | PMLEM03030 | LEMNACEAE | 65 | S2 | |
| WYETHIA SCABRA VAR SCABRA | PDAST9X0E3 | ASTERACEAE | 6? | S1 | |
| XYLORHIZA GLABRIUSCULA | PDASTA1030 | ASTERACEAE | 6365 | S1 | |
| ZIZIA AUREA | PJAPI2F020 | APIACEAE | 65 | SU | |
| ZOSTERELLA DUBIA | PMPON06010 | PONTEDERIAACEAE | 6? | S1 | |